

Alternative Narrowing Process

Multiple Intakes Conveyance Option

Alternative 2C

The Multiple Intakes Conveyance Option in alternative 2C, would utilize three isolated conveyance channels to convey water to Clifton Court Forebay(CCFB) from two diversion locations on the San Joaquin River and one on Old River near Franks Track. This conveyance option would provide flexibility to divert water from different locations in the Delta depending on need and operating criteria. Each diversion would be unscreened and would convey water by an isolated open channel to CCFB. At CCFB new fish screens would be constructed at the Skinner Fish facility and at the Tracy Pumping Plant (or at the head-end of the CCFB). The objective of the multiple intakes to use real time monitoring at each intake to determine which intake or combination of intakes to use to reduce fishery impacts while improve water supply and water quality. Alternative 3I includes the same conveyance option in 2C as well as the supporting facilities that would make the conveyance option more effective.

Multi Intake Conveyance (Alt 2C)	Multi Intake Conveyance (Alt 3I)
Three intakes and isolated facilities in the western, central, and southern Delta	Three intakes in the western, central, and southern Delta plus extension of the central Delta isolated facility to a screened intake on the Sacramento River at Hood. Siphon to convey Sacramento River water from this extension under the San Joaquin River to the central isolated facility.
To alleviate entrainment into the three intake pumps and the isolated channels where fish would be subject to predation, fish screens would be provided at each intake.	All intakes would be screened.
Still draws Sacramento River water across the Delta continuing some of the same anadromous fishery problems	Offers option to fully screen Sacramento River water. Offers flexibility to adjust diversions between north and south Delta to avoid anadromous fishery problems.
No new storage.	Surface and groundwater storage in the Sacramento and San Joaquin Valleys. Off-Aqueduct surface storage south of the Delta. Adds flexibility for management of diversions.
Capital Cost of Conveyance: \$2,281 Million	
Recommendation The Alternative 2C conveyance option is very expensive and may have limited flexibility without supporting facilities. Alternative 3I includes the conveyance option in 2C as well as the supporting options that would make the conveyance option more effective. Therefore, it is recommended that alternative 2C be dropped from consideration and the multiple conveyance option analyzed in alternative 3I.	